

RF Active Compositions for Use in Adhesion, Bonding and Coating

Abstract

5 A susceptor composition that can bond two or more layers or substrates
to one another and that can be used to coat or cut a substrate. The susceptor
composition is activated in the presence of radio frequency (RF) energy. In one
embodiment, the susceptor composition of the present invention comprises at
least one ionomer and a polar carrier. The ionomer and polar carrier are blended
with one another and form a mixture, preferably a uniform mixture. The ionomer
10 and polar carrier are present in an amount effective to allow the susceptor
composition to be heated by RF energy. Also disclosed are RF induction heating
systems.

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